All Agency Project Request

2013 - 2015 Biennium

Agency	Institution	Building No.	Building Name
University of Wisconsin	Madison	285-0A-9911	Utility - Campus Roads

Project No. 1411E **Project Title** Haight Road Reconstruction

Project Intent

This project provides investigation and research, pre-design, and design services to reconstruct ~1,150 LF of Haight Road and extends the pedestrian walkway to University Bay Drive. The road and adjacent site will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes replacing roadway and pedestrian walkway pavements; concrete curb and gutter, stairs, and storm water flumes; and street lights. New storm sewer and storm water inlets will be constructed as necessary to improve storm water runoff. A new pedestrian walkway extension will be constructed between University Houses and University Bay Drive.

Project Justification

The roadway pavement and curbs are significantly deteriorated and are beyond their serviceable life. The asphalt pavement has moderate alligator cracking, rutting, potholes, and patching that is in poor condition. The concrete curb and gutter and sidewalk has broken apart or has extensive cracking, failed joints, settlement, and heaved sections. Reconstruction of this roadway is needed in order to provide for safe vehicular and pedestrian traffic along this route. Due to the length and degree of slope, Haight Road experiences significant storm water flows in its gutters and storm control system. These flows are routed through concrete flumes, or into a few storm inlets at the bottom of the hill, but the system does not accommodate large storm events that result in significant erosion that occurs outside the roadway and undermines the flumes. The storm sewer system needs upgrading and the concrete flumes need to be repaired or replaced to properly channel storm flows downstream. Also, a continuous sidewalk is needed along the whole length of Haight Road to reduce the traffic danger to pedestrians.

A/E Consultant Requirements

☑ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of roadway reconstruction design, university design requirements, local permits, and civil engineering plans and specifications, as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents, and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

Commissioning

- ☑ Level 1
- ☐ Level 2

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Project Budget			Funding Source(s)	Total
Construction Cost:		$	GFSB - []	$0
Haz Mats:		$	PRSB - []	$0
Construction Total:		$	Agency/Institution Cash [AGF0]	$494,000
Contingency:	15%	$	Gifts	$0
A/E Design Fees:	8%	$	Grants	$0
DFD Mgmt Fees:	4%	$	Building Trust Funds [BTF]	$0
Other:		$	Other Funding Source	$0
		$494,000		**$494,000**

Project Schedule

SBC Approval:	06/2015
A/E Selection:	12/2014
Bid Opening:	03/2016
Construction Start:	05/2016
Substantial Completion:	09/2016
Project Close Out:	12/2016

Project Contact

Contact Name: Matt M. Collins

Email: <mcollins@fpm.wisc.edu>

Telephone: (608)263-3031x

Project Scope Consideration Checklist

		y	N
1.	Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction. *All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.*	☑	☐
2.	Is the project an extension of another authorized project? If so, provide the project #...	☐	☑
3.	Are hazardous materials involved? If yes, what materials are involved and how will they be handled? *Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is not available on Wisconsin's Asbestos & Lead Management System (WALMS) <http://walms.doa.state.wi.us/>.*	☐	☑
4.	Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?	☐	☑
5.	Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?	☐	☑
6.	Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope.	☐	☑
7.	Have you identified the WEPA designation of the project...Type I, Type II, or Type III? *Type III.*	☑	☐

8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here. ☐ ☑

9. Are there any other issues affecting the cost or status of this project? ☐ ☑

10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution. ☑ ☐

Project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible.

11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent? ☑ ☐

Completion of this project will decrease operational maintenance costs.

12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s). ☐ ☑

13. Are there potential energy or water usages reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <http://www.focusonenergy.com> or the local utility provider)? If yes, describe here. ☐ ☑

14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here. ☐ ☑